

Appl. No. 10/024,782  
Amendment and/or Response  
Reply to Office action of 3 December 2005

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**Amendments to the Claims:**

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-3 (Canceled)

4. (Previously presented) A light reflector having a plurality of projected portions or recessed portions, wherein:

the reflector has  $n$  first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$  being an odd number equal to or greater than 3;

the light reflector comprises a plurality of projected portion sets or recessed portion sets, each of the projected portion sets or recessed portion sets consisting of said  $n$  first projected portions or recessed portions;

the plurality of projected portion sets or recessed portion sets are constructed such that at least two of the plurality of projected portion sets or recessed portion sets are arranged around one of the plurality of projected portion sets or recessed portion sets, each of the at least two projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set; and

said plurality of projected portion sets or recessed portion sets are constructed such that six of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets, each of said six projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.

5 (Canceled)

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6. (Previously presented) A light reflector having  
a plurality of projected portions or recessed portions, wherein  
the reflector has  $n$  first projected portions or recessed portions at positions  
corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$   
being an odd number which is equal to or greater than 3; and  
the number of said first projected portions or recessed portions is seven.

7-11 (Canceled)

12. (Previously presented) A light reflector as claimed in claim 4, wherein said  
reflector comprises at least one second projected portion or recessed portion in a  
area surrounding by said  $n$  first projected portions or recessed portions.

13. (Previously presented) A light reflector having a plurality of projected portions or  
recessed portions, wherein:  
the reflector has  $n$  first projected portions or recessed portions at positions  
corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$   
being an odd number equal to or greater than 3;

the light reflector comprises a plurality of projected portion sets or recessed  
portion sets, each of the projected portion sets or recessed portion sets consisting of  
said  $n$  first projected portions or recessed portions;

the plurality of projected portion sets or recessed portion sets are constructed  
such that at least two of the plurality of projected portion sets or recessed portion sets  
are arranged around one of the plurality of projected portion sets or recessed portion  
sets, each of the at least two projected portion sets or recessed portion sets being  
adjacent to said one projected portion set or recessed portion set; and

in the case of defining respective lines connecting adjacent projected portions  
or recessed portions of said  $n$  first projected portions or recessed portions with  
respect to each of said plurality of projected portion sets or recessed portion sets,  
said respective lines associated with one of said plurality of projected portion sets or  
recessed portion sets extend in directions which are different from those of said

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respective lines associated with remaining projected portion sets or recessed portion sets.

14. (Previously presented) A light reflector as claimed in claim 4, wherein,  
in the case of defining respective lines connecting adjacent projected portions or recessed portions of said  $n$  first projected portions or recessed portions with respect to each of said plurality of projected portion sets or recessed portion sets,  
said respective lines associated with one of said plurality of projected portion sets or recessed portion sets extend in directions which are different from those of said respective lines associated with remaining projected portion sets or recessed portion sets.

15 (Canceled)

16. (Previously presented) A liquid crystal display device comprising pixel electrodes formed at areas corresponding to pixels, respectively, each pixel being associated with a light reflector having a plurality of  $n$  first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$  being an odd number which is equal to or greater than 3, wherein:

the light reflector comprises a plurality of projected portion sets or recessed portion sets, each of said projected portion sets or recessed portion sets consisting of said  $n$  first projected portions or recessed portions; and

said plurality of projected portion sets or recessed portion sets are constructed such that at least two of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets, each of said at least two projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.

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17. (Previously presented) A liquid crystal display device as claimed in claim 16, wherein

said plurality of projected portion sets or recessed portion sets are constructed such that six of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets,

each of said six projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.

18 (Canceled)

19. (Previously presented) A liquid crystal display device comprising pixel electrodes formed at areas corresponding to pixels, respectively, each pixel being associated with a light reflector having a plurality of  $n$  first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$  being an odd number which is equal to or greater than 3,

wherein the number of said first projected portions or recessed portions is seven.

20. (Previously presented) A liquid crystal display device comprising pixel electrodes formed at areas corresponding to pixels, respectively, each pixel being associated with a light reflector having a plurality of  $n$  first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon having  $n$  sides,  $n$  being an odd number which is equal to or greater than 3, wherein:

the light reflector comprises a plurality of projected portion sets or recessed portion sets, each of said projected portion sets or recessed portion sets consisting of said  $n$  first projected portions or recessed portions; and

in the case of defining respective lines connecting adjacent projected portions or recessed portions of said  $n$  first projected portions or recessed portions with respect to each of said plurality of projected portion sets or recessed portion sets, said respective lines associated with one of said plurality of projected portion sets or

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recessed portion sets extend in directions which are different from those of said respective lines associated with remaining projected portion sets or recessed portion sets.

21. (Currently amended) A light reflector having

a plurality of projected portions or recessed portions projecting from or recessive to a reflective plane,

wherein

said reflector has  $n$  first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon projected on the reflective plane having  $n$  sides,

$n$  being an odd number which is equal to or greater than 3.

22. (Previously presented) A light reflector as claimed in claim 21, wherein

said light reflector comprises a plurality of projected portion sets or recessed portion sets,

each of said projected portion sets or recessed portion sets consisting of said  $n$  first projected portions or recessed portions.

23. (Previously presented) A light reflector as claimed in claim 22, wherein

said plurality of projected portion sets or recessed portion sets are constructed such that at least two of said plurality of projected portion sets or recessed portion sets are arranged around one of said plurality of projected portion sets or recessed portion sets,

each of said at least two projected portion sets or recessed portion sets being adjacent to said one projected portion set or recessed portion set.

24. (Previously presented) A light reflector as claimed in claim 21, wherein

said reflector comprises at least one second projected portion or recessed portion in an area surrounding by said  $n$  first projected portions or recessed portions.

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25. (Previously presented) A light reflector as claimed in claim 22, wherein,  
in the case of defining respective lines connecting adjacent projected portions or recessed portions of said n first projected portions or recessed portions with respect to each of said plurality of projected portion sets or recessed portion sets,  
said respective lines associated with one of said plurality of projected portion sets or recessed portion sets extend in directions which are different from those of said respective lines associated with remaining projected portion sets or recessed portion sets.

26. (Currently amended) A liquid crystal display device comprising  
pixel electrodes formed at areas of a plane surface corresponding to pixels, respectively,  
each pixel being associated with a light reflector having  
a plurality of n first projected portions or recessed portions at positions corresponding respectively to vertexes of an equilateral polygon on the plane surface having n sides,  
n being an odd number which is equal to or greater than 3.

27. (Previously presented) A light reflector as claimed in claim 22, wherein  
said reflector comprises at least one second projected portion or recessed portion in an area surrounding by said n first projected portions or recessed portions.

28. (Previously presented) A light reflector as claimed in claim 23, wherein  
said reflector comprises at least one second projected portion or recessed portion in an area surrounding by said n first projected portions or recessed portions.

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29. (Previously presented) A liquid crystal display device as claimed in claim 26,  
wherein

said light reflector comprises a plurality of projected portion sets or recessed  
portion sets,

each of said projected portion sets or recessed portion sets consisting of said  
n first projected portions or recessed portions.

30. (Previously presented) A liquid crystal display device as claimed in claim 26,  
wherein

said light reflector comprises at least one second projected portion or  
recessed portion in an area surrounded by said n first projected portions or recessed  
portions.

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